

Please type a plus sign (+) inside this box [ + ]

Approved for use through 09/30/00. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|  |               |             |    |
|--|---------------|-------------|----|
| Attorney Docket No.                            | 2996-00047    | Total Pages | 28 |
| First Named Inventor or Application Identifier |               |             |    |
| Diana L. lane                                  |               |             |    |
| Express Mail Label No.                         | EV383674394US |             |    |

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

**ADDRESS TO:** Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages **18**]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets **4**]
4. Oath or Declaration [Total Pages **3**]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☒ Small Entity ☐ Statement filed in prior  
Statement(s) application, Status still proper  
and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other: Certificate of Express Mail

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

**18. CORRESPONDENCE ADDRESS**

|         |                                       |           |                |          |                |
|---------|---------------------------------------|-----------|----------------|----------|----------------|
| NAME    | Joseph J. Jochman, Reg. No. 25,058    |           |                |          |                |
|         | ANDRUS, SCEALES, STARKE & SAWALL, LLP |           |                |          |                |
| ADDRESS | 100 East Wisconsin Avenue             |           |                |          |                |
|         | Suite 1100                            |           |                |          |                |
| CITY    | Milwaukee                             | STATE     | Wisconsin      | ZIP CODE | 53202-4178     |
| COUNTRY | U.S.A.                                | TELEPHONE | (414) 271-7590 | FAX      | (414) 271-5770 |

CERTIFICATE OF EXPRESS MAIL

This is to certify that this correspondence is being deposited with the United States Postal Service as EXPRESS MAIL POST OFFICE TO ADDRESSEE in an envelope addressed to Commissioner of Patents and Trademarks, Washington D.C., 20231 on March 12, 2004. The Express Label is EV383674394US.

Barbara A. Johnson  
Name

March 12, 2004  
Date

Barbara A. Johnson  
Signature

3-12-04  
Date

15750  
U.S. PTOApproved for use through 9/30/98  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCEPTO/SB/17  
(10/97)

## FEE TRANSMITTAL

## COMPLETE IF KNOWN

|                        |               |
|------------------------|---------------|
| Application Number     |               |
| Filing Date            | 3/12/2004     |
| First Named Inventor   | Diana L. Lane |
| Group Art Unit         |               |
| Examiner Name          |               |
| Attorney Docket Number | 2996-00047    |

Total Amount of Payment (\$)  
\$566.00

## METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number  
01.2000Deposit Account Name  
Andrus, Scales, Starke & Sawall, LLP

- ☒
- Charge any additional fee required under 37 CFR 1.16 and 1.17
- 
- ☐
- Charge the Issue Fee set in 37 CFR 1.18 at the Mailing Of the Notice of Allowance, 37 CFR 1.311(b)

- 3.
- ☒
- Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

## FEE CALCULATION (fees effective 10/01/97)

## 1. Filing Fee

Large Entity Small Entity

Fee Fee Fee Fee

Code (\$) Code (\$) Code (\$) Code (\$)

|     |     |     |     |                        |       |
|-----|-----|-----|-----|------------------------|-------|
| 101 | 750 | 201 | 375 | Utility filing fee     | \$385 |
| 106 | 310 | 206 | 155 | Design filing fee      |       |
| 107 | 480 | 207 | 240 | Plant filing fee       |       |
| 108 | 790 | 208 | 395 | Reissue filing fee     |       |
| 114 | 150 | 214 | 75  | Provisional filing fee |       |

SUBTOTAL (1) (\$)  
385.00

## 2. Claims

Extra Fee from below

Fee Paid

Total claims 21 - 20 = 1 X \$9 = \$9

Independent 7 - 3 = 4 X \$43 = \$172

Claims

Multiple Dependent Claims: \$140

Large Entity Small Entity Fee

Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$)

|     |     |     |     |   |  |
|-----|-----|-----|-----|---|--|
| 103 | 18  | 203 | 9   | Claims in excess of 20                                  |  |
| 102 | 78  | 202 | 39  | Independent claims in excess of 3                       |  |
| 104 | 270 | 204 | 135 | Multiple dependent claim                                |  |
| 109 | 82  | 209 | 41  | Reissue independent claims over original patent         |  |
| 110 | 22  | 210 | 11  | Reissue claims in excess of 20 and over original patent |  |

SUBTOTAL (2)

(\$)  
181.00

## FEE CALCULATION (continued)

## 2. Additional Fees

Large Entity Small Entity

Fee Fee Fee Fee

Code (\$) Code (\$) Code (\$) Code (\$)

Fee Description

Fee Paid

|     |        |     |        |  |  |
|-----|--------|-----|--------|--|--|
| 105 | 130    | 205 | 65     | Surcharge-late filing fee or oath  |  |
| 127 | 50     | 227 | 25     | Surcharge-late provisional filing fee or cover sheet                       |  |
| 139 | 130    | 139 | 130    | Non-English specification  |  |
| 147 | 2,520  | 147 | 2,520  | For filing a request for reexamination                                     |  |
| 112 | 920*   | 112 | 920*   | Requesting publication of SIR prior to Examiner action                     |  |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action                        |  |
| 115 | 110    | 215 | 55     | Extension for response within first month                                  |  |
| 116 | 400    | 216 | 200    | Extension for response within second month                                 |  |
| 117 | 950    | 217 | 475    | Extension for response within third month                                  |  |
| 118 | 1,510  | 218 | 755    | Extension for response within fourth month                                 |  |
| 128 | 2,060  | 228 | 1,030  | Extension for response within fifth month                                  |  |
| 119 | 310    | 219 | 155    | Notice of appeal   |  |
| 120 | 310    | 220 | 155    | Filing a brief in support of an appeal                                     |  |
| 121 | 270    | 221 | 135    | Request for oral hearing   |  |
| 138 | 1,510  | 138 | 1,510  | Petition to institute a public use proceeding                              |  |
| 140 | 110    | 240 | 55     | Petition to revive unavoidably abandoned application                       |  |
| 141 | 1,320  | 241 | 660    | Petition to revive unintentionally abandoned application                   |  |
| 142 | 1,320  | 242 | 660    | Utility issue fee (or reissue)   |  |
| 143 | 450    | 243 | 225    | Design issue fee   |  |
| 144 | 670    | 244 | 335    | Plant issue fee  |  |
| 122 | 130    | 122 | 130    | Petitions to the Commissioner  |  |
| 123 | 50     | 123 | 50     | Petitions related to provisional applications                              |  |
| 126 | 240    | 126 | 240    | Submission of Information Disclosure Statement                             |  |
| 581 | 40     | 581 | 40     | Recording each patent assignment per property (times number of properties) |  |
| 146 | 790    | 246 | 395    | Filing a submission after final rejection (37 CFR 1.129(a))                |  |
| 149 | 790    | 249 | 395    | For each additional invention to be examined (37 CFR 1.129(b))             |  |

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

SUBTOTAL (3)

(\$)  
0

\*Reduced by Basic Filing Fee Paid

## SUBMITTED BY

Type or Printed name  
Joseph J. Jochman  
Andrus, Scales, Starke & Sawall, LLP

Signature

## COMPLETE (if applicable)

Registration Number  
25,058Date  
3/12/2004

Deposit Account

User ID